

REVISED TENTH EDITION OF THE ENGINEERING STANDARDS
OF THE BOARD OF WATER COMMISSIONERS
DENVER, COLORADO

EFFECTIVE JULY 1, 2002

TO ALL STANDARD HOLDERS:

The enclosed Standards contain the Tenth Edition of the Engineering Standards of the Board of Water Commissioners, Denver, Colorado, and shall be binding and in full force and effect as of July 1, 2002.

1. The following Chapters were reprinted in their entirety:

- Chapter 1 - General
- Chapter 2 - Main Extensions
- Chapter 3 - Service Lines and Appurtenances
- Chapter 4 - Easements and Licenses
- Chapter 5 - System Design and Layout
- Chapter 6 - Materials
- Chapter 8 - Pipe Installation

The following Chapter is new:

Chapter 12 - Integrated Water System

2. The following Materials Specifications were reprinted in their entirety:

- MS-2 Polyvinyl Chloride (PVC) Pressure Pipe
- MS-4 Double-Disc Gate Valves
- MS-4A Resilient Seat Gate Valves
- MS-5 Flanged Rubber Seated Butterfly Valves
- MS-8 Fabricated Steel Tapping Sleeves
- MS-12 Dry-Barrel Fire Hydrants
- MS-14 Magnetic Drive Displacement Type Water Meters
5/8 inch through 1 inch - Frost Proof
- MS-15 Magnetic Drive Displacement Type Water Meters
1½ inch and 2 inch
- MS-16 Magnetic Drive Compound Type Water Meters
3 inch through 6 inch
- MS-17 Magnetic Drive Turbine Type Water Meters
3 inch through 16 inch
- MS-23 Meter Pit Domes and Covers

The following Materials Specifications are new:

- MS-17A Magnetic Drive Turbine Type Water Meters
1½ inch and 2 inch
- MS-17E Magnetic Drive Fire Service Type Water Meters
3 inch through 10 inch - Turbine Type
- MS-30 Fire Hydrant Meters

3. The Standard Drawings were reprinted in their entirety. Each detail was reformatted per current Denver Water CAD standards.

The following Standard Drawings are new:

- | | |
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| 80 | Standard Design for Hydrant Meter |
| 81 | Standard Design for Blow-Off Hydrant |
| 82 | Tracer Wire Installation for C900 and C909 PVC Water
Main |
| 83 | Traffic Impediment Bollard |

4. The Integrated Water System Operation, Maintenance and Quality Assurance Standard dated November 24, 1999, are published as an addendum to the Engineering Standards.

5. Table of Contents.